



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
WASHINGTON, DC 20350-2000

IN REPLY REFER TO
OPNAVINST 2070.4A
OP-941C

21 MAR 1990

OPNAV INSTRUCTION 2070.4A

From: Chief of Naval Operations

Subj: DEPARTMENT OF THE NAVY POLICY ON USE OF THE DEFENSE DATA
NETWORK (DDN)

1. Purpose. To revise Department of the Navy policy on the implementation and operation of the DDN for all data communications users.

2. Cancellation. OPNAVINST 2070.4

3. Scope. This instruction applies to all components and activities of the Department of the Navy.

4. Background. In April 1982, the Deputy Secretary of Defense directed the development of the DDN as the Department of Defense (DOD) common-user data network. Further, on 10 March 1983, an Under Secretary of Defense memo (NOTAL) directed that "Existing systems, systems being expanded and upgraded, and new systems or data networks will become DDN subscribers." Although not designed to meet every type of long haul data communication requirements, the DDN provides a safe, reliable, survivable, and fast computer-based data communications capability for the DoD and promotes interoperability between different Automatic Data Processing (ADP) systems. (A)

5. Responsibilities

a. Chief of Naval Operations (CNO) (OP-094) will: (A)

(1) Act as the DDN program sponsor within Navy and establish policy guidelines.

(2) Appraise program progress and readiness in support of goals and objectives.

(3) Establish prioritization for orderly implementation of systems onto the DDN.

b. Commander, Naval Computers and Telecommunications Command (COMNAVCOMPTELCOM) will: (A)

(1) Act as project coordinator and coordinate overall DDN implementation within Navy.

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(2) Provide technical and administrative assistance in supporting subscriber integration efforts.

(3) Coordinate and schedule the integration of Navy data communications systems onto the DDN.

(4) Coordinate and monitor the installation of DDN nodes.

(5) Administer Navy DDN Usage Sensitive Billing (USB).

(6) Monitor the performance of the DDN and propose procedural or required system improvements to the Defense Communications Agency (DCA).

(7) Provide technical support for DDN implementation to include providing protocol standards and protocol certification testing.

(8) Act as domain name server for Navy on the unclassified DDN network.

(9) Review/coordinate Requests for Proposal (RFPs) in support of DDN interface procurements.

(10) Develop in coordination with subscriber system sponsor, the best methodology for interfacing systems into the DDN and provide technical assistance, to include the development of cost estimates (host software development efforts and other related Automated Data Processing (ADP) costs incurred relating to DDN usage) when requested.

A) c. Commander, Space and Naval Warfare Systems Command will:

(1) Provide technical support for DDN implementation efforts as requested by COMNAVCOMPTELCOM, the project coordinator.

(2) Conduct DDN node site surveys for Navy locations.

(3) Provide cryptographic installation support service on a reimbursable basis.

(4) Evaluate technical manuals as requested by COMNAVCOMPTELCOM.

R) d. Major Claimants/Systems Commands will:

(1) Validate DDN operational requirements and submit

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through the chain of command DDN access and precedence requests for approval to CNO or the theater CINC, as appropriate.

(2) Program and budget funds to support DDN requirements.

(3) Monitor progress of DDN implementation and network performance of systems sponsored by the Command.

(4) Sponsor packet-switch nodes as appropriate.

(5) Revalidate contractor connections they sponsor annually.

(6) Provide COMNAVCOMPTELCOM cost estimates for systems' integration into the DDN. Estimates will include description of host software development efforts and other related ADP costs incurred relating to DDN usage. Assistance in developing the estimate is available from COMNAVCOMPTELCOM if requested.

(7) Develop, in coordination with COMNAVCOMPTELCOM, the best methodology for interfacing systems into the DDN.

6. Policy

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a. Current ADP systems and future acquisitions/upgrades which require data communications will include provisions for using DDN as their primary data communications medium.

b. Shore to shore data pattern traffic will transition to DDN as soon as possible. Ship/shore/ship and deployed force data pattern traffic will begin transitioning to DDN when the Defense Message System's AUTODIN to DDN Interface (DMS ADI) becomes operational.

c. Communications Services Industrial Fund (CSIF) rates apply to the DDN. Users are billed by connection, usage, and access line charges.

d. Concentrator and gateway options aimed at increasing Navy connectivity and reducing per host DDN connectivity charges will be pursued.

7. Action

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a. COMNAVCOMPTELCOM will disseminate the methods and procedures required to implement this policy.


b. Each major claimant will establish a focal point within its organization for DDN-related matters.

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c. Conditions for exemptions and temporary waivers pertaining to the use of DDN are established by the Office of the Assistant Secretary of Defense for Command, Control, Communications and Intelligence (ASD (C3I)) and are issued by COMNAVCOMPTELCOM. Major Claimants/System Commands will conduct an annual evaluation of exempted/waived system requirements.

d. DDN waiver requests submitted via the chain of command of the Major Claimant/System Command to COMNAVCOMPTELCOM for processing will be accompanied by a transition plan detailing the milestones for connecting the subscriber system to DDN. The Defense Communications Agency (DCA) holds waiver approval authority. Requests for waiver not favorably reviewed by DCA are submitted to ASD (C3I) for resolution.

e. ADP system planners/users will ensure their validated and funded requirements are prioritized by CNO and registered in the DDN Integrated Data Service/Management Information System (IDS/MIS) data base. The Navy prioritization effort is explained in the Navy DDN Program Plan. Procedures for DDN registration are contained in the Navy Requirements Implementation Manual for the Defense Data Network (NOTAL).


JERRY O. TUTTLE
 By direction

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